In the Claims

1-16 (canceled).

17 (currently amended). A method for producing a recombinant TNF binding protein 1 (TBP-1) polypeptide comprising culturing a mammalian cell line containing a nucleic acid encoding TBP-1 or a mutein thereof in a production phase in serum free medium at a temperature of about 25°C to about 29°C under conditions that allow for the production of said TBP-1 polypeptide~~, the cell line expressing a recombinant polypeptide in a production phase at a temperature at or below 29°C~~.

18-19 (canceled).

20 (currently amended). The method of ~~claim 19~~ claim 17, wherein the polypeptide is expressed by a mammalian cell line comprising a DNA sequence encoding a TBP-1 polypeptide selected from the group consisting of:

(a) a polypeptide comprising SEQ ID NO: 1;

(b) a mutein of (a), wherein the amino acid sequence has at least 40% or 50% or 60% or 70% or 80% or 90% identity to the sequence in (a);

(c) a mutein of (a) which is encoded by a DNA sequence, which hybridizes to the complement of the native DNA sequence encoding (a) under moderately stringent conditions or under highly stringent conditions; or

(d) a mutein of (a) wherein any changes in the amino acid sequence are conservative amino acid substitutions to the amino acid sequences in (a)~~; and~~

~~(e) a salt or an isoform, fused protein, functional derivative, active fraction or circularly permutated derivative of (a)~~.

21 (withdrawn-currently amended). The method of ~~claim 19~~ claim 17, wherein the polypeptide is expressed by a mammalian cell line comprising a DNA sequence encoding a TBP-2 polypeptide selected from the group consisting of:

(a) a polypeptide comprising SEQ ID NO: 2;

(b) a mutein of (a), wherein the amino acid sequence has at least 40% or 50% or 60% or 70% or 80% or 90% identity to the sequence in (a);

(c) a mutein of (a) which is encoded by a DNA sequence, which hybridizes to the complement of the native DNA sequence encoding (a) under moderately stringent conditions or under highly stringent conditions;

(d) a mutein of (a) wherein any changes in the amino acid sequence are conservative amino acid substitutions to the amino acid sequences in (a);

(e) a salt or an isoform, fused protein, or functional derivative~~, active fraction or circularly permutated derivative~~ of (a).

22 (currently amended). The method of ~~claim 20~~ claim 17, wherein the mammalian cell line is cultured at a temperature ~~between 20°C and 29°C~~ of about 25°C.

23 (withdrawn-currently amended). The method of ~~claim 21~~ claim 17, wherein the mammalian cell line is cultured at a temperature ~~between 20°C and 29°C~~ of about 26°C.

24 (currently amended). The method of ~~claim 22~~ claim 17, wherein the mammalian cell line is cultured at a temperature of about ~~25 to 29~~27°C.

25 (currently amended). The method of ~~claim 24~~ claim 17, wherein the mammalian cell line is cultured at a temperature of ~~about 26°C, or about 27°C, or~~ about 28°C.

26 (currently amended). The method of ~~claim 24~~ claim 17, wherein the mammalian cell line is cultured at a temperature of about 29°C.

27-29 (canceled).

30 (previously presented). The method of claim 17, wherein the mammalian cell line is a CHO cell line.

31 (previously presented). The method of claim 17, wherein the medium used during the production phase is serum free.

32 (previously presented). The method of claim 17, further comprising collecting the polypeptide from the medium.

33 (currently amended). The method of claim 17, further comprising purifying the polypeptide from medium or ~~cell-derived~~ cell-derivcd components.

34 (previously presented). The method of claim 17, further comprising formulating the purified polypeptide with a pharmaceutically acceptable carrier.

35 (previously presented). An isolated polypeptide produced by the method of claim 17, said polypeptide being mono-glycosylated.

36 (new). The method of claim 17, wherein said mammalian cell line is a CHO cell line comprising a DNA sequence encoding SEQ ID NO: 1 and said cell line is cultured at a temperature of about 25°C to about 29°C.

37 (new). The mcthod of claim 26, wherein said temperature is about 25°C.

38 (new). The method of claim 26, wherein said tcmperature is about 26°C.

39 (new). The method of claim 26, wherein said temperature is about 27°C.

40 (new). The method of claim 26, wherein said temperature is about 28°C.

41 (new). The method of claim 26, wherein said temperature is about 29°C.